ultimo abrumpens, ideo — a eſt ultimus terminus in $\sqrt{2ay+yy}$ multiplicandus (per not. 4). Adeoque

$ABD = vy + \frac{av}{2} + \sqrt{2ay+y^2x} - \frac{1}{2}y - a.$

Exemp. 2. Sit $z = \frac{vy}{a}$, quia in hoc caſu $r = \frac{1}{a}$, $n = 1$, ideo terminus ultimò abrumpens eſt $\frac{raa \times 2n+1}{nxn+2xn+1|^2} y^{n-1} = \frac{a}{4}$, unde $q = \frac{a}{4}$ & $\frac{a}{2}$ ultimus terminus in $\sqrt{2ay+yy}$ multiplicandus; adeoque $ABD = \frac{vyy}{2a} - \frac{av}{4} + \sqrt{2ay+yyx} - \frac{y^2}{6a} - \frac{y}{12} + \frac{a}{2}$

Et ſi capiatur $y = \sqrt{\frac{aa}{2}}$, erit Area competens huic abſciſſæ Geometricè Quadrabilis, ſcil. Area $= \frac{1}{12}\sqrt{:\sqrt{2a^4} + \frac{a^2}{2}} \times 5a - \sqrt{\frac{a^2}{2}}:$

Plura habeo hujuſmodi Theoremata, pro Figuris ex circulo Parabolâ & dependentibus; ſed hæc duo, ſpeciminis gratiâ, ſufficiant ad oſtendendum uſum Methodi meæ in tractatu noſtro de Quadraturis editæ, in determinandis Figurarum irrationalium Quadraturis, ad quas nulla alia (quantùm ſcio) Methodus hactenus porrigitur.

V. *Part of a Letter of* Mr. Robert Tredwey, *to* Dr. Leonard Plukenet, *Dated* Jamaica, Feb. 12. $169\frac{6}{7}$. *giving an Account of a great piece of Ambergrieſe thrown on that Iſland; with the Opinion of ſome there about the way of its Production.*

I Shall only at preſent let you know the Account I received from *Ambergrieſe Ben*, for ſo the Man is called from the vaſt Quantity of that valuable Commodit

dity he found Two Years ago; *viz.* One Hundred and Fifty Pound Weight daſhed on the Shoar at a Place in theſe Parts called *Ambergrieſe Point*, where the *Spaniards* uſually come once a Year to look for it. This vaſt Quantity was divided in Two Parts; ſuppoſed by rolling and tumbling in the Sea; but that which I have to inform you, is the Way how 'tis produced; *viz.* from a Creature, as Honey or Silk; for I ſaw in ſundry Places of this Body, the Beaks, Wings, and part of the Body of the Creature which I preſerved ſome time by me, and this ignorant Fellow (for ſo you would term him if you knew all) has ſeen the Creature alive; and he adds, That he believes they ſwarm as Bees, on the Sea-Shore or in the Sea. This account is very different from what I ever met with, ſo I thought fit to Communicate it. We have lately diſcover'd Two hot Springs. One to Windward, which ſeems Sulphurous: The other to Leeward is very Salt; but as I am told does not partake of Brimſtone, and both very much magnify'd for the Endemick Diſeaſes of theſe Parts, the dry Belly-ach, Pains of the Nerves, and Yaws.

ERRATA. In Numb. 231.

PAG. 642. l. 17. for — (in the Denominator) read +. p. 648. l. 1. for *ab* read *ob*. p. 649. l. 4. for *eluceſſit*, read *eluceſcit*.

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